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JUL 22 2005
Atty Docket No. 020967-000110US

PTO FAX NO.: (571) 273-8300

ATTENTION: Examiner Fred I. Ehichioya

Group Art Unit 2162

**OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER FRED I. EHICHIOYA
FOR ENTRY IN U.S. PATENT
APPLICATION NO. 10/006,179
FILED DECEMBER 4, 2001**

CERTIFICATION OF FACSIMILE TRANSMISSION

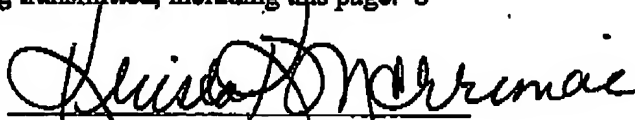
I hereby certify that the following documents in re Application of Sanguthevar Rajasekaran et al., Application No. 10/006,179, filed December 4, 2001 for EFFICIENT SEARCHING TECHNIQUES are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. SB/21 Transmittal Form (1 page)
2. Communication to Examiner Requesting Confirmation of Consideration of IDS Filed 12/21/04 (2 pages)
3. Copy of IDS and PTO Forms SB08A and SB08B filed 12/21/04 (4 pages)

Number of pages being transmitted, including this page: 8

Dated: July 22, 2005


Krista K. Merrimac

PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (650) 326-2422

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
Telephone: 650-326-2400
Fax: 650-326-2422

00344674 v1

PTO/SB/21 (09-04)

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/006,179	
	Filing Date	December 4, 2001	
	First Named Inventor	Rajasekaran, Sanguthevar	
	Art Unit	2162	
	Examiner Name	Fred I. Ehichioya	
Total Number of Pages In This Submission	8	Attorney Docket Number	020967-000110US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Communication, Copy of IDS and PTO Forms SB08A and SB08B filed 12/21/04, Fax transmittal
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature	<i>S. B. Kotwal</i>		
Printed name	Sujit B. Kotwal		
Date	July 22, 2005	Reg. No.	43,336

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (571) 273-8300 on July 22, 2005.			
Signature	<i>Krista K. Merrimac</i>		
Typed or printed name	Krista K. Merrimac	Date	July 22, 2005

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Attorney Docket No.: 20967-000110US **PATENT**

On July 22, 2005

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JUL 22 2005

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By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SANGUTHEVAR RAJASEKARAN et al.

Application No.: 10/006,179

Filed: December 4, 2001

For: EFFICIENT SEARCHING
TECHNIQUES

Examiner: Fred I. Ehichioya

Art Unit: 2162

COMMUNICATION TO EXAMINER
REQUESTING
CONFIRMATION OF CONSIDERATION
OF IDS FILED 12/21/04

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Upon reviewing the above-referenced application file, Applicant noted that it has not received any indication (e.g., initialed copies of SB08A and SB08B forms) from the Examiner confirming that the references cited in the Information Disclosure Statement (IDS) filed on December 21, 2004 have been reviewed and considered by the Examiner during the prosecution of the present application. A copy of the IDS and accompanying SB08A and SB08B forms as filed on December 21, 2004 is attached for the Examiner's convenience.

Applicant respectfully requests the Examiner to send the Applicant some indication that the references cited in the IDS filed on December 21, 2004 have been considered by the Examiner during prosecution of the is application.

Please note that the issue fee is due and is being paid on July 22, 2005, so the Examiner's prompt attention to this matter would be most appreciated.

Sanguthevar Rajasekaran
Application No.: 10/006,179
Page 2

PATENT

If the Examiner has any questions/feedback regarding this issue, the Examiner is requested to contact the undersigned at 650-326-2400 (x5265).

Respectfully submitted,

S. B. Kotwal

Sujit B. Kotwal
Reg. No. 43,336

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 326-2400 / Fax: (650) 326-2422
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Attorney Docket No.: 020967-000110US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 12/21/04

TOWNSEND and TOWNSEND and CREW LLP

By Ch. F. H.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sanguthevar Rajasekaran et al.

Application No.: 10/006,179

Filed: December 4, 2001

For: EFFICIENT SEARCHING
TECHNIQUES

Examiner: Fred I. Ehichioya

Art Unit: 2172

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the non US patent references are enclosed with the exception of reference AK. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

COPY

Sanguthevar Rajasekaran et al.
Application No.: 10/006,179
Page 2

PATENT

Applicant submits that the information (description of index files) disclosed by Reference AK is cumulative to the information disclosed by reference AE. If Examiner would like a copy of reference AK please request same from applicant.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

S. B. Kotwal

Sujit B. Kotwal
Reg. No. 43,336

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
SBK:crf

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PTC/SB/O&A (08-03)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/006,179
				Filing Date	December 4, 2001
				First Named Inventor	Rajasekaran, Sanguthevar
				Art Unit	2172
				Examiner Name	Fred J. Ehlichloya
Sheet	1	of	2	Attorney Docket Number	020987-000110US

[illegible][illegible]

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to

PTO/SB/043 (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/006,179
				Filing Date	December 4, 2001
				First Named Inventor	Rajasekaran, Sanguthevar
				Art Unit	2172
				Examiner Name	Fred I. Ehlichloya
				Attorney Docket Number	020967-000110US
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AC	DIETZFELBINGER et al., "Polynomial hash functions are reliable," <u>Proc. KALP 1992</u> , pages 235-246.	
	AD	FALOUTSOS, C., "Access methods for text," <u>ACM Computing Surveys</u> , 17(1):49-74 (1985).	
	AE	GONNET et al., <u>Handbook of Algorithms and Data Structures</u> , pages 130-133, Addison-Wesley, Reading, MA (1991).	
	AF	HORWITZ et al., <u>Computer Algorithms</u> , pages 131-137, W. H. Freeman Press (1998).	
	AG	MANBER et al., "GLIMPSE: A tool to search through entire file systems," Technical Report 93-94, Department of Computer Science, The University of Arizona, Tucson, October 1993.	
	AH	KNUTH, D. E., <u>The Art of Computer Programming volume 3: Sorting and Searching</u> , pages 481-485, Addison-Wesley Publishers (1976).	
	AI	Oracle Internet Filesystem (IFS) FAQ, downloaded from http://www.oracle.com/ifs/ifs.htm on 12/20/04.	
	AJ	PERL et al., "Interpolation Search - A Log LogN Search," <u>Communications of the ACM</u> , 21(7):550-553 (1978).	
	AK	SALTON et al., <u>Introduction to Modern Information Retrieval</u> , McGraw-Hill, New York, 1983. [section related to description of index files].	
	AL	VAN EMDE BOAS et al., "Design and Implementation of an Efficient Priority Queue," <u>Mathematical Systems Theory</u> , 10:99-127 (1977).	
	AM	WU et al., "Agrep -- a fast approximate pattern-matching tool," <u>Proc. Usenix Winter 1992 Technical Conference</u> , pages 153-162 held in San Francisco January 1992.	
	AN	WU et al., "Fast Text Searching Allowing Errors," <u>Communications of the ACM</u> , 35:83-91 (1992).	

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Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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